20080820.ba v04_n199.bam.20080820

>From ???@??? Wed Aug 20 11:18:34 2008 -0500
Date: Wed, 20 Aug 2008 11:17:45 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4199
Message-Id: <20080820171322.01BBF10B102@srvr1.theporch.com>

BOATANCHORS Digest 4199

Topics covered in this issue include:

  1) BA birthday.....
     by Paul Nelson <drhydro@qwest.net>
  2) Re: Happy Boatanchor-day
     by jim lockwood <jmlckwd@mindspring.com>
  3) Re: Happy Boatanchors-day!!
     by David Hollander <n7rk@cox.net>
  4) Re: Happy Boatanchor-day
     by "Morris Odell" <vilgotch@bigpond.net.au>
  5) Re: Happy Boatanchor-Day
     by "Kevin Anderson" <k9iua@juno.com>
  6) Stancor Manual
     by "Wilson Lamb" <infomet@embarqmail.com>
  7) Re: Stancor Manual
     by "Al Parker" <anchor@ec.rr.com>
  8) Stancor Manual
     by "Wilson Lamb" <infomet@embarqmail.com>
  9) Looking for info re ARC R318A Radio Compass Receiver
     by "Joe Watson" <wwatson5@sbcglobal.net>
 10) Need resistor
     by "Morris Odell" <vilgotch@bigpond.net.au>
 11) Re: Need resistor
     by "Sandy" <ebjr37@charter.net>
 12) RE: Happy Boatanchor-day
     by "Ed Zeranski" <ezeran@ezeran.cnc.net>
 13) How Did They Do That?
     by Jerry Proc <jerry7proc@yahoo.com>
 14) Re: How Did They Do That?
     by Scott Robinson <spr@earthlink.net>
 15) Re: Need resistor
     by "Morris Odell" <vilgotch@bigpond.net.au>
 16) Re: How Did They Do That?
     by "Arden Allen" <gumbear@pacbell.net>
 17) Re: How Did They Do That?
     by "Sandy" <ebjr37@charter.net>
 18) Re: Need resistor

    by flasch@cushy.ece.northwestern.edu (Norm Flasch)
 19) Has anyone noticed the tube tester?
    by "Roger Dillon" <rdillontx1@verizon.net>
 20) Re: How Did They Do That?
    by Jerry Proc <jerry7proc@yahoo.com>

Message-ID: <48A4E9FC.609@qwest.net>
Date: Thu, 14 Aug 2008 21:29:16 -0500
From: Paul Nelson <drhydro@qwest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BA birthday.....
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

jeez.
I do not remember when I joined the list, but I DO remember the list
reaching digest number 500!

that may have been sometime in the late mesozoic..... I think I might
have had a 14.4 modem about that time. Pretty dang fast, as I recall.

--
Paul Nelson W5GNF
Ames, Iowa
Senior Engineer
Sauer-Danfoss Company
(DrHydro@qwest.net)

ex-Cessna 140 N77149 (sigh)

"When I go, I want to go quietly, in my sleep, like my grandfather- not screaming, like his passengers."

"More hay, Trigger?"
"No thanks, Roy, I'm stuffed."

Date: Thu, 14 Aug 2008 19:26:50 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: jim lockwood <jmlckwd@mindspring.com>
Subject: Re: Happy Boatanchor-day
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
Message-ID: <E1KTp63-00060P-2v@elasmtp-mealy.atl.sa.earthlink.net>

Hi John,

Yep, still have that transmitter. It's too heavy to move or sell
and it helps hold down the house when the California ground shakes. :-)

Somewhere along the way I added a "B" model that I picked up
for $5.00 and spent $6.00 painting.

Both have been appliance radios for the 16 or so years they've been
in my care.

Chuck Penson was gracious enough to use photos of both DX-100s in his
Heathkit book.

16 years..... that still amazes me.

Jim - k4ccf (or KM6NK, for old tyme's sake).

At 03:03 PM 8/14/2008, john wrote:
>Hi Neighbor,
>
>I did track down the other two on the net, and they're both still
>active hams, but no longer on the BA reflector.   I think Jim still
>has THE Dixie 100 which started this whole mess, don't you Jim?
>
>John K5MO

Message-ID: <48A50845.6090404@cox.net>
Date: Thu, 14 Aug 2008 21:38:29 -0700
From: David Hollander <n7rk@cox.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Happy Boatanchors-day!!
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Happy Birthday to the list.

This has been a fantastic resource over the years. I believe I joined
around late 1995 or early 1996. Have learned a lot and met a bunch of
great people from this list including a number of them in person at
western hamfests.

73 es Tnx,

Dave N7RK

--
****
Dave N7RK   Boatanchors Home Page: http://members.cox.net/n7rk
Phoenix, Arizona   *DXCC Honor Roll*   *WAZ#22 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

Message-ID: <000a01c8fe9d$026f0550$ad00a8c0@Morris1>
From: "Morris Odell" <vilgotch@bigpond.net.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Happy Boatanchor-day
Date: Fri, 15 Aug 2008 16:06:08 +1000
MIME-Version: 1.0
Content-Type: text/plain;
     format=flowed;
     charset="iso-8859-1";
     reply-type=response
Content-Transfer-Encoding: 7bit

Hi all,

I want to add my voice to the chorus of appreciation of this list. I've been a member since only a year or two after it started and in that time it's provided education, humour, resources and some wonderful friends some of whom I've had the pleasure of meeting on the occasional trip to the USA. I like to think I've helped a few people along the way as well.

All the best to everyone, and of course to our great moderator Jack.

de Morris Odell VK3DOC
 Melbourne. Australia

Mime-Version: 1.0
From: "Kevin Anderson" <k9iua@juno.com>
Date: Fri, 15 Aug 2008 12:36:40 GMT
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Happy Boatanchor-Day
Message-Id: <20080815.073640.618.0@webmail04.vgs.untd.com>
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline
Content-Type: text/plain; charset=ISO-8859-1

Happy BA-list day. I joined the list sometime in early 1993, when there=
 were still fewer than 100 members on the distribution list, and have be=
en mainly lurking since, reading the periodic digests. I remember, beca=
use that is the same year I got licensed, and discovering the "acidqueen=
" BA list was one of the reasons I got licensed that summer. (The other=
 reason was getting hooked on the idea of QRP operating.) Thanks, guys,=
 for all the schooling I've had from you.
Kevin, K9IUA

* * * * * * * * * * * * * * * * * * *
Kevin Anderson, K9IUA, Dubuque IA
k9iua (at) juno (dot) com
* * * * * * * * * * * * * * * * * * *

____
Need cash? Click to get an emergency loan, bad credit ok
http://thirdpartyoffers.juno.com/TGL2131/fc/Ioyw6iiekKuBi6sAV5S41tk8Ur3I=
bnMU46Hg4WC5ukJiU0Z335ZBRa/

Message-ID: <6222CB3D6093446EA86FCFD2B6661E4F@wilsonspc>
From: "Wilson Lamb" <infomet@embarqmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Stancor Manual
Date: Fri, 15 Aug 2008 20:56:59 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     format=flowed;
     charset="iso-8859-1";
     reply-type=original
Content-Transfer-Encoding: 7bit

I have a good manual for a Stancor ST-202-A kit xmtr. It has checkmarks, but is pretty nice, with schematic. I'd sell it very reasonably, but would just as soon donate it to someone who will scan it and post on the web. When I looked at BAMA, it seemed they wanted things scanned and sent in ready to post. I'm pretty busy and my scanner is not connected right now, thus I would like to get out from under the whole thing. SO, can I send to BAMA, or is there someone who would like to take over from me? I expect this is a fairly rare book and would be in demand for owners of the TX.
73, Wilson, W4BOH

Message-ID: <015701c8ff3c$7c1af040$6401a8c0@reloaded>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Stancor Manual
Date: Fri, 15 Aug 2008 21:07:41 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     format=flowed;
     charset="iso-8859-1";
     reply-type=response
Content-Transfer-Encoding: 7bit

Hi Wilson,

I have a Stancor 202-A. and would be happy to scan the manual and upload it to BAMA and email it to anyone who would like a copy.
http://www.boatanchors.org/stancor.htm
I've sent quite a bit of stuff to Ken Grimm at BAMA, and thanks to him for hosting that great site.
73,
Al Parker, W8UT
204 River Bluffs. Dr.
New Bern, NC 28560
www.boatanchors.org
www.hammarlund.info

"there is nothing -absolutely nothing- half as much worth doing as simply messing about in boats."
Ratty, to Mole

----- Original Message -----
From: "Wilson Lamb" <infomet@embarqmail.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Friday, August 15, 2008 8:56 PM
Subject: Stancor Manual

>I have a good manual for a Stancor ST-202-A kit xmtr. It has checkmarks,
>but is pretty nice, with schematic. I'd sell it very reasonably, but would
>just as soon donate it to someone who will scan it and post on the web.
>When I looked at BAMA, it seemed they wanted things scanned and sent in
>ready to post. I'm pretty busy and my scanner is not connected right now,
>thus I would like to get out from under the whole thing. SO, can I send to
>BAMA, or is there someone who would like to take over from me? I expect
>this is a fairly rare book and would be in demand for owners of the TX.
> 73, Wilson, W4BOH
>

Message-ID: <54D9427B65014C85AA8DAC2DBDA85E8E@wilsonspc>
From: "Wilson Lamb" <infomet@embarqmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Stancor Manual
Date: Fri, 15 Aug 2008 22:57:58 -0400
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

The Stancor manual is off to someone who is going to Bama it and make it available for email. I expect he will announce its availability once it's scanned.
Wilson
W4BOH

Message-ID: <000901c900a7$d82f3280$0202a8c0@NEWHP>
From: "Joe Watson" <wwatson5@sbcglobal.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Looking for info re ARC R318A Radio Compass Receiver
Date: Sun, 17 Aug 2008 15:28:40 -0500
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_000_0006_01C9007D.ED66D060"

This is a multi-part message in MIME format.

------=_NextPart_000_0006_01C9007D.ED66D060
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I have a radio compass receiver made by Aircraft Radio Corporation, =
designated as R318A. It covers 190 to 1750 kHz and uses 13 or so =
sub-miniature tubes (wired-in).

Do any of you guys happen to have any documentation on this? I am about =
to try to hook it up and see if I can make it play, but I will be =
guessing some unless I find some docs.

Thanks.

Joe
W5WBR

------=_NextPart_000_0006_01C9007D.ED66D060
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
*   ---REMAINDER OF MESSAGE TRUNCATED---   *
*   This post contains a forbidden message format   *
* (such as an attached file, a v-card, HTML formatting) *
*   Mail Lists at theporch.com only accept PLAIN TEXT   *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *

* *

------=_NextPart_000_0006_01C9007D.ED66D060--

Message-ID: <001301c901ed$f093e130$ad00a8c0@Morris1>
From: "Morris Odell" <vilgotch@bigpond.net.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need resistor
Date: Tue, 19 Aug 2008 21:23:01 +1000
MIME-Version: 1.0
Content-Type: text/plain;
     format=flowed;
     charset="iso-8859-1";
     reply-type=original
Content-Transfer-Encoding: 7bit

Hi all,

I have been trying to repair my HP 5061A Cesium freq standard (yes, it has a huge vacuum tube in it :-). The problem has boiled down to an open high voltage resistor in one of the HV power supplies. It's a 200 Meg 10% resistor which needs to withstand 3.5 KV!! I had to use a megger to test it. The resistor is mounted between 2 circuit boards and can't be more than 4 cm long (about 1 1/2 inches).

These things are made of unobtainium but I'm hoping someone might have something suitable in the junk box or be in a position to buy one for me. I know suitable resistors are in the catalogs of several US manufacturers such as Vishay and Caddock but they are not available here. If anyone can get their hands on one or two for me I'd be very grateful and of course would pay all expenses to get it down here.

73, Morris

Message-ID: <006801c9020a$be2cdef0$424abe44@gateway>
From: "Sandy" <ebjr37@charter.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Need resistor
Date: Tue, 19 Aug 2008 09:49:11 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     format=flowed;
     charset="iso-8859-1";
     reply-type=response
Content-Transfer-Encoding: 7bit

My guess is that this is a film type resistor. Probably not unlike some of the TV receiver CRT high voltage probes contain.

I think you would be able to make one from a string of nine 22 Megohm 2 watt resistors OK.

Nowadays you might have trouble finding ten 22 meg 2 watters or 1 watters, but that's where I'd start.

73,

Sandy W5TVW

----- Original Message -----
From: "Morris Odell" <vilgotch@bigpond.net.au>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Tuesday, August 19, 2008 6:23 AM
Subject: Need resistor

> Hi all,
>
> I have been trying to repair my HP 5061A Cesium freq standard (yes, it has
> a huge vacuum tube in it :-). The problem has boiled down to an open high
> voltage resistor in one of the HV power supplies. It's a 200 Meg 10%
> resistor which needs to withstand 3.5 KV!! I had to use a megger to test
> it. The resistor is mounted between 2 circuit boards and can't be more
> than 4 cm long (about 1 1/2 inches).
>
> These things are made of unobtainium but I'm hoping someone might have
> something suitable in the junk box or be in a position to buy one for me.
> I know suitable resistors are in the catalogs of several US manufacturers
> such as Vishay and Caddock but they are not available here. If anyone can
> get their hands on one or two for me I'd be very grateful and of course
> would pay all expenses to get it down here.
>
> 73, Morris
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com Version: 8.0.138 / Virus Database:
> 270.6.5/1620 - Release Date: 8/19/2008 6:04 AM
>
>
>

From: "Ed Zeranski" <ezeran@ezeran.cnc.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Happy Boatanchor-day
Date: Tue, 19 Aug 2008 10:41:25 -0700
Message-ID: <EMEPKDEJDNHEMLEAHGKHIEGAFFAA.ezeran@ezeran.cnc.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="us-ascii"
Content-Transfer-Encoding: 7bit

Happy 16th birthday to the boatanchor e-mail list. .....Keep 'em glowing,
Nick KD4CPL

WOW!!! That was back when I had hair color.

EdZ KG6UTS

Date: Tue, 19 Aug 2008 19:04:23 -0700 (PDT)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: How Did They Do That?
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Message-ID: <595761.69832.qm@web90601.mail.mud.yahoo.com>

Hello Everyone,

Just as I thought I understood power, along comes a JVC Digital Theatre System as gift from my son. According to the specifications, this miracle of electronic science delivers 200 watts RMS per channel @ 3 ohms to each of its 6 channels. Each speaker is rated for 200 watts, even the small ones that are in an 8" X 4" enclosure. The packing box boasts a sticker stating 1200 watts RMS of audio power!

But the power consumption from the AC line is merely 160 watts when operating. How is this possible? What am I missing here?

--
Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com

      _____
Instant Messaging, free SMS, sharing photos and more... Try the new Yahoo! Canada Messenger at http://ca.beta.messenger.yahoo.com/

Mime-Version: 1.0
Message-Id: <p06240813c4d12ceab902@[192.168.1.2]>
Date: Tue, 19 Aug 2008 19:19:27 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: How Did They Do That?
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

and Scott comments:

First, they probably lie at least some. Second, these are either class B amplifiers or class D switchmode amplifiers, which consume very little power when not delivering any. I'd guess the 160W is the power consumption playing a movie at some average volume setting in a standard sized listening room.

The 200W ratings might be short-term peak, the kind of thing only testable with a tone burst. I particularly expect that for the small speakers, considering that at least 75% of all power delivered to a loudspeaker is dissipated at heat in the voice coil.

And now,going past the specsmanship, are you pleased with the sound? As a person in the biz, I'd recommend you by or borrow a low cost sound level meter and set the channels so they match in your listening room, and then go rent a movie and enjoy!

I've had a good surround system for years and do enjoy it, although the program material I most like is BBC and other British mysteries, many of which are mono, or almost mono.

BTW, let me very heartily recommend to this group the British Series "Foyle's War." You don't see many Boatanchors in it, but it's a set of wonderful mysteries set during WWII on the south coast of Britain. Start with the episode titled "The German Woman" because that's where the team is assembled that's featured in the rest of the stories. YOu can probaly rent them at your local video store; that's where I got mine.

Regards,

Scott

At 7:04 PM -0700 8/19/08, Jerry Proc wrote:
>Hello Everyone,
>
>Just as I thought I understoodheower, along comes a JVC Digital
>Theatre System as gift from my son. According to the specifications,

>this miracle of electronic science delivers 200 watts RMS per
>channel @ 3 ohms to each of its 6 channels. Each speaker is rated
>for 200 watts, even the small ones that are in an 8" X 4" enclosure.
>The packing box boasts a sticker stating 1200 watts RMS of audio
>power!
>
>But the power consumption from the AC line is merely 160 watts when
>operating. How is this possible? What am I missing here?
>
>
>--
>Regards,
>Jerry Proc
>E-mail: jerry7proc@yahoo.com
>

Message-ID: <002201c902b2$8e5ccb10$ad00a8c0@Morris1>
From: "Morris Odell" <vilgotch@bigpond.net.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Need resistor
Date: Wed, 20 Aug 2008 20:50:16 +1000
MIME-Version: 1.0
Content-Type: text/plain;
     format=flowed;
     charset="iso-8859-1";
     reply-type=original
Content-Transfer-Encoding: 7bit

Hi Charles (and one or two others),

Thanks for the advice, under more normal circumstances I would have done
just that. Unfortunately there's no room in there for anything other than 1
resistor, no longer than 4 cm.

The good news is that with a bit of great advice from the time-nuts list I
discovered that the spare unit I had which I thought was a dud was OK after
all. It's installed as I type, the Cesium is
locked beautifully and showing the same freq as the HP Z3815A GPSDO. A check
of
the "flop" parameters shows the Cs tube is nice & healthy and all's right
with the world!!!

Scott, thanks for the offer mate, but as you can see it's not needed just
yet!

73 to all,

Morris

----- Original Message -----
From: "Charles Dicecca" <bc375@comcast.net>
To: <vilgotch@bigpond.net.au>
Sent: Wednesday, August 20, 2008 10:44 AM
Subject: RE: Need resistor

> Dear Morris:
> By now you may have heard this ten times over, but...why not just stack up
> 10 20 meg ohm resistors to get to the necessary total with a safe drop of
> but 350 volts across each? That will work just fine.
> Best regards,
> Charles DiCecca KA1GON

Message-ID: <005b01c902ba$2660cae0$5b9d480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: How Did They Do That?
Date: Wed, 20 Aug 2008 04:18:57 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> ....But the power consumption from the AC line is merely 160 watts when
operating. How is this possible? What am I missing here?

False advertizing. No home entertainment speaker can withstand "200W RMS".
That kind of labeling suggests the speaker can utilize a continuous average
of 200 watts of audio. Not possible. As dynamic speakers are around ten
percent efficient 180 watts would be heating the voice coil. The speaker
would end up emitting smoke signals in place of sound. But don't bother
your congressperson to get after the Federal Trade Commission. The fix is
in....

Arden Allen
KB6NAX

Message-ID: <001201c902d3$ee68a440$424abe44@gateway>
From: "Sandy" <ebjr37@charter.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: How Did They Do That?
Date: Wed, 20 Aug 2008 09:49:17 -0500

MIME-Version: 1.0
Content-Type: text/plain;
     format=flowed;
     charset="iso-8859-1";
     reply-type=original
Content-Transfer-Encoding: 7bit

"Rated" like the $500 oxygen free, gold plated AC power cords!

They probably are rating the output as "peak Music Power" or some silly thing like that! Remember the 10 watt 807 "ultra linear" amps that sounded so flawless (1950's) and blew you out of the room if you turned them up?

Then all the solid state amps with the high power ratings that sounded so crappy, no matter how low they were turned down? No at add the "distortion boxes" the musicians used to muddy up things!

Don't also forget the "snake oil" mixed in for the guillable "audiophools" or 'wannabe' (but can't afford it) audiophools!

73,

Sandy W5TVW
----- Original Message -----
From: "Jerry Proc" <jerry7proc@yahoo.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Tuesday, August 19, 2008 9:04 PM
Subject: How Did They Do That?

> Hello Everyone,
>
> Just as I thought I understood power, along comes a JVC Digital Theatre
> System as gift from my son. According to the specifications, this miracle
> of electronic science delivers 200 watts RMS per channel @ 3 ohms to each
> of its 6 channels. Each speaker is rated for 200 watts, even the small
> ones that are in an 8" X 4" enclosure. The packing box boasts a sticker
> stating 1200 watts RMS of audio power!
>
> But the power consumption from the AC line is merely 160 watts when
> operating. How is this possible? What am I missing here?
>
>
> --
> Regards,
> Jerry Proc
> E-mail: jerry7proc@yahoo.com
>

>
>   _____
> Instant Messaging, free SMS, sharing photos and more... Try the new Yahoo!
> Canada Messenger at http://ca.beta.messenger.yahoo.com/
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.138 / Virus Database: 270.6.5/1620 - Release Date: 8/19/2008
> 6:04 AM
>
>
>

Subject: Re: Need resistor
To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 20 Aug 2008 10:18:58 -0500 (CDT)
Cc: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=US-ASCII
Message-Id: <20080820151858.C859B4B55@cushy.ece.northwestern.edu>
From: flasch@cushy.ece.northwestern.edu (Norm Flasch)

Morris,

If you still need one, I have two 99M ohm resistors I can send you.
These look like 1/2 watt but longer. About 1.5 CM each. Looks like
they are flameproof. These are NOS from Electronic Goldmine. They
now list the G13448 as sold out.

> Hi Charles (and one or two others),
>
> Thanks for the advice, under more normal circumstances I would have done
> just that. Unfortunately there's no room in there for anything other than 1
> resistor, no longer than 4 cm.
>
> The good news is that with a bit of great advice from the time-nuts list I
> discovered that the spare unit I had which I thought was a dud was OK after
> all. It's installed as I type, the Cesium is
> locked beautifully and showing the same freq as the HP Z3815A GPSDO. A check
> of
> the "flop" parameters shows the Cs tube is nice & healthy and all's right
> with the world!!!
>
> Scott, thanks for the offer mate, but as you can see it's not needed just

> yet!
>
> 73 to all,
>
> Morris
>
>
> ----- Original Message -----
> From: "Charles Dicecca" <bc375@comcast.net>
> To: <vilgotch@bigpond.net.au>
> Sent: Wednesday, August 20, 2008 10:44 AM
> Subject: RE: Need resistor
>
>
> > Dear Morris:
> > By now you may have heard this ten times over, but...why not just stack up
> > 10 20 meg ohm resistors to get to the necessary total with a safe drop of
> > but 350 volts across each? That will work just fine.
> > Best regards,
> > Charles DiCecca KA1GON
>

--
Norm Flasch
EECS Teaching Labs Manager
Northwestern University
Evanston, Illinois
847-467-4387

Date: Wed, 20 Aug 2008 10:32:27 -0500
From: "Roger Dillon" <rdillontx1@verizon.net>
Subject: Has anyone noticed the tube tester?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <C4DDB3910EB24023AC9E195431CC3A89@rogerPC>
MIME-version: 1.0
Content-type: text/plain; format=flowed; charset=iso-8859-1; reply-type=original
Content-transfer-encoding: 7bit

In the Sunday comics this past weekend, the Hi and Lois comic has a
drugstore tube tester in the garage where the sons' rock band practices.
Only a boatanchor aficionado would draw that in.

Date: Wed, 20 Aug 2008 10:17:30 -0700 (PDT)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: Re: How Did They Do That?
To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Message-ID: <779591.84630.qm@web90604.mail.mud.yahoo.com>

Hi Scott,

In my world, using RMS means "continuous power". I have heard of phoney ratings such as "peak power" and in rare instances "peak instantaneous power". If I try and apply 200 wats of sound to any of those (200 watt rated) speakers in the 8" x 4" enclosure , I'm sure they would go up in smoke. Now that I suspect the ratings as being "cooked up", I'm trying to understand how JVC did the calculations.

Even of this amp was switching only 200 watts RMS among 6 channels, then the power consumption from the AC mains should be more than 160 watts. Perhaps I will write to JVC and find out what type of drugs the markering department were using when they spec'd this thing. If the power supply consumption is 160 watts and the PS is roughly 50% efficient, that would leave 80 watts or so to be shared among 6 channels - about 13 watts per channel which seems to be a far more credible arrangement especially for those very small speakers.

When I played a test movie on DVD, I could tell that the quality was better but for most of the programme fare arriving over the TV, its no better than the amp that it replaced. But then again I do not have have one of those "golden" audio ears that can discern the subtilities found in a music stream.

--
Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com

--- On Tue, 8/19/08, Scott Robinson <spr@earthlink.net> wrote:

> From: Scott Robinson <spr@earthlink.net>
> Subject: Re: How Did They Do That?
> To: "Old Tube Radios" <boatanchors@theporch.com>
> Received: Tuesday, August 19, 2008, 7:19 PM
> and Scott comments:
>
> First, they probably lie at least some. Second, these are
> either
> class B amplifiers or class D switchmode amplifiers, which
> consume
> very little power when not delivering any. I'd guess
> the 160W is the
> power consumption playing a movie at some average volume
> setting in a

> standard sized listening room.
>
> The 200W ratings might be short-term peak, the kind of
> thing only
> testable with a tone burst. I particularly expect that for
> the small
> speakers, considering that at least 75% of all power
> delivered to a
> loudspeaker is dissipated at heat in the voice coil.
>
> And now,going past the specsmanship, are you pleased with
> the sound?
> As a person in the biz, I'd recommend you by or borrow
> a low cost
> sound level meter and set the channels so they match in
> your
> listening room, and then go rent a movie and enjoy!
>
> I've had a good surround system for years and do enjoy
> it, although
> the program material I most like is BBC and other British
> mysteries,
> many of which are mono, or almost mono.
>
> BTW, let me very heartily recommend to this group the
> British Series
> "Foyle's War." You don't see many
> Boatanchors in it, but it's a set
> of wonderful mysteries set during WWII on the south coast
> of Britain.
> Start with the episode titled "The German Woman"
> because that's where
> the team is assembled that's featured in the rest of
> the stories.
> YOu can probaly rent them at your local video store;
> that's where I
> got mine.
>
> Regards,
>
> Scott
>
>
> At 7:04 PM -0700 8/19/08, Jerry Proc wrote:
> >Hello Everyone,
> >
> >Just as I thought I understoodheower, along comes a JVC
> Digital

> >Theatre System as gift from my son. According to the
> specifications,
> >this miracle of electronic science delivers 200 watts
> RMS per
> >channel @ 3 ohms to each of its 6 channels. Each
> speaker is rated
> >for 200 watts, even the small ones that are in an
> 8" X 4" enclosure.
> >The packing box boasts a sticker stating 1200 watts RMS
> of audio
> >power!
> >
> >But the power consumption from the AC line is merely
> 160 watts when
> >operating. How is this possible? What am I missing
> here?
> >
> >
> >--
> >Regards,
> >Jerry Proc
> >E-mail: jerry7proc@yahoo.com
> >

_____
Be smarter than spam. See how smart SpamGuard is at giving junk email the boot with the All-new Yahoo! Mail. Click on Options in Mail and switch to New Mail today or register for free at http://mail.yahoo.ca

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End of BOATANCHORS Digest 4199
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